



SEPTEMBER 08, 2000



PTAS

FOLEY & LARDNER  
JOSEPH N. ZIEBERT  
FIRSTAR CENTER  
777 EAST WISCONSIN AVENUE  
MILWAUKEE, WI 53202-5367

39153/256  
JN2  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101412047A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/22/2000

REEL/FRAME: 010929/0060  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
YU, BIN

DOC DATE: 06/21/2000

ASSIGNEE:  
ADVANCED MICRO DEVICES, INC.  
ONE AMD PLACE  
1160 KERN AVENUE  
SUNNYVALE, CALIFORNIA 94088-3453

SERIAL NUMBER: 09599141  
PATENT NUMBER:

FILING DATE: 06/22/2000  
ISSUE DATE:

DIANE RUSSELE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

SEP 15 2000

9/15/00  
K

FORM PTO-1595 (modified)

(Rev 6-93)

07-24-2000



101412047

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

COVER SHEET  
ONLY

6.22.00

To the Commissioner of

the attached original documents or copies thereof.

1. Name of conveying party(ies):

Bin Yu

2. Name and address of receiving party(ies):

Advanced Micro Devices, Inc.  
One AMD Place  
1160 Kern Avenue  
Sunnyvale, CA 94088-3453



Additional conveying party(ies) NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

6/21/00

Additional name(s) & address(es) attached? NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is: 6/21/00

A. Patent Application Number(s):

APPL\_NO

B. Patent Number(s):

PATENT\_NO

09599141

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Joseph N. Ziebert  
FOLEY & LARDNER  
Firststar Center  
777 East Wisconsin Avenue  
Milwaukee, Wisconsin 53202-5367

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Check Enclosed

Charge to deposit account

8. Deposit account number: 06-1447

DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Joseph N. Ziebert

Name of person signing

*Joseph N. Ziebert*

Signature

6-22-00

Date

Total number of pages including cover sheet, attachments, and document: 3

07/21/2000 ASCOTT 00000008 09599141

01 FC:581

40.00 DP

**ASSIGNMENT AND AGREEMENT**

*WHEREAS*, Bin Yu of 1331 S. Wolfe Road, Sunnyvale, CA 94087, (hereinafter referred to as "ASSIGNOR") has invented a certain invention entitled **A PROCESS FOR MANUFACTURING TRANSISTORS HAVING SILICON/GERMANIUM CHANNEL REGIONS** (Atty. Dkt. No. 39153/256 (F0113)) for which an application for United States Letters Patent was executed by ASSIGNOR concurrently herewith; and

*WHEREAS*, Advanced Micro Devices, Inc., a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at One AMD Place, 1160 Kern Avenue, Sunnyvale, CA 94088-3453 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

*NOW THEREFORE*, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

*ASSIGNOR HEREBY AUTHORIZES AND REQUESTS* the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

*ASSIGNOR HEREBY AGREES* (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

*ASSIGNOR HEREBY REPRESENTS AND WARRANTS* that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

*ASSIGNOR HEREBY GRANTS* to the law firm of **Foley & Lardner** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

*ASSIGNOR UNDERSTANDS AND AGREES* that the attorneys and agents of the law firm of **Foley & Lardner** do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 21<sup>st</sup> day of June, 2000.

*Bin Yu*  
Bin Yu

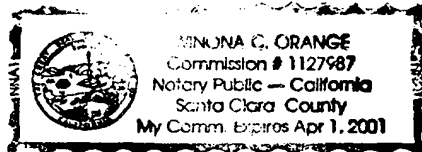
State of California  
County of Santa Clara )ss.

On this 21<sup>st</sup> day of JUNE, 2000, before me, a notary public in and for said county, appeared Bin Yu, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

*Winona C. Orange*  
Notary Public

My Commission Expires: April 1, 2001

(Seal)





SEPTEMBER 07, 2000



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JNZ

**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



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JOSEPH N. ZIEBERT  
FIRSTAR CENTER  
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RECORDATION DATE: 06/22/2000

REEL/FRAME: 010921/0069  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
YU, BIN

DOC DATE: 06/21/2000

ASSIGNEE:  
ADVANCED MICRO DEVICES, INC.  
ONE AMD PLACE, 1160 KERN AVENUE  
SUNNYVALE, CALIFORNIA 94088

SERIAL NUMBER: 09599270  
PATENT NUMBER:

FILING DATE: 06/22/2000  
ISSUE DATE:

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

SEP 15 2000

APPENDIX B

9/15/00  
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07-20-2000

FORM PTO-1595 (modified)

(Rev 6-93)

REC



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HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

6.77.00

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Bin Yu

2. Name and address of receiving party(ies):

Advanced Micro Devices, Inc.  
One AMD Place  
1160 Kern Avenue  
Sunnyvale, CA 94088



Additional conveying party(ies) NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

6/21/00

Additional name(s) &amp; address(es) attached? NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is: 6/21/00

A. Patent Application Number(s):

APPL\_NO

B. Patent Number(s):

09599270

PATENT\_NO

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Joseph N. Ziebert  
FOLEY & LARDNER  
Firststar Center  
777 East Wisconsin Avenue  
Milwaukee, Wisconsin 53202-5367

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8. Deposit account number: 06-1447

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Joseph N. Ziebert

Name of person signing

Signature

6-22-00

Date

Total number of pages including cover sheet, attachments, and document: 3

07/19/2000 MTHAII 00000014 09599270

01 FC:581

40.00 DP

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*WHEREAS*, Bin Yu of 1331 S. Wolfe Road, Sunnyvale, CA 94087, (hereinafter referred to as "ASSIGNOR") has invented a certain invention entitled **A SOLID PHASE EPITAXY PROCESS FOR MANUFACTURING TRANSISTOR SHAVING SILICON/GERMANIUM CHANNEL REGIONS** (Atty. Dkt. No. 39153/268 (F0292)) for which an application for United States Letters Patent was executed by ASSIGNOR concurrently herewith; and

*WHEREAS*, **Advanced Micro Devices, Inc.**, a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at One AMD Place, 1160 Kern Avenue, Sunnyvale, CA 94088 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

*NOW THEREFORE*, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

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Executed this 21<sup>st</sup> day of June, 2000.

  
Bin Yu

State of California  
County of Santa Clara ) ss.

On this 21<sup>st</sup> day of JUNE, 2000, before me, a notary public in and for said county, appeared Bin Yu, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and ~~he/she~~ acknowledged that ~~he/she~~ signed, sealed, and delivered the said instrument as ~~his/her~~ free and voluntary act for the uses and purposes therein set forth.

  
Notary Public

My Commission Expires: April 1, 2001

(Seal)

